

NCH-202 836

Field 111

Mr. Young-mup,
C.P. RESISTING TO ACTION OF POLY CONDENSATION
TYPE LIGHT SENSITIVE RESINS, 1965, 12p. TC-1257.
Order from TC: \$12.00 as TC-1257

Trans. of Kogyo Kagaku Zasshi (Japan) v68 n6 p1009-12
1965.

1/2 1/2 1/2 1/2

L. Trans. Chem. Knoxville,
Tenn.

Application of Polycondensation Type Photosensitive
Resins to Printing Plates, by J. S. Shim.
JAPANESE, per, Kogyo Kagaku Zasshi. Vol. 68, 1965
pp 1013-1016
GB 131/T 4864

Sci -
Aug 67

337-207

Quantitative Analysis by Gas Chromato-
graphy of Synthetic Rubber Pyrolyzates
obtained by the Use of a Commercial
Fipette-Type Pyrolyzer, by M. Kakugo.
JAPANESE, per, Kogyo Kagaku Zasshi,
Vol 68, 1965, pp 1066-1070.
NTC 72-10543-07C

Apr 72

Polymerization and Copolymerization of
BIS (B-Chloroethyl) Vinylphosphonate, by
S. Konya.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 68,
No 6, 1965, pp 1080-1085.
NTC-70-12820-07C

Feb 72

Yield Strength of Polypropylene, by S. Yamanouchi.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 68, No 6,
1965, pp 1094-1097.
NLL 5828.4F (5934)

Sci-Mech Engr
Jul 68

361,620

Effect of Binders on the Manufacture of Graphite
Materials. Part 3. Effect of Binders on the
Physical Properties of Graphite Materials, by
Y. Takauchi, J. Okada.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 68,
No 7, 1965, pp 1188-1194.
ATE-JS-213

Sci-Materials
Mar 70

403,883

Magnetic Resonance Symposium. Application
of the High Resolution Nuclear Magnetic
Resonance Method in Industrial Analytical
Chemistry, by T. Takeuchi, M. Yamazaki.
JAPANESE, per, Kogyo Kagaku, Vol 68, No 8,
1965, pp 1313-1322.
Chem Trans Sv 2027

319,940

Sci - Chemistry
Mar 67
\$29.00

Proton Magnetic Resonance and Dielectric
Dispersion of Zeolites, by R. Kiriya,
H. Kiriya.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol
68, No 8, 1965, pp 1485-1490.
Dept of Navy NRL Trans-1156

Sci-Chem
Jan 69

373,535

Defect Structure of Borate Glasses Irradiated
with Gamma-Rays, by Yasuo Nakai.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol 68,
No 8, 1965, pp 1538-1543.

BSJ Tr-85

324,395

Sci - Nuclear Science
May 67

Analysis of Automobile Exhaust Gas
When Propane is Used as the Fuel,
by K. Hiramatsu,
JAPANESE, por, Kogyo Kagaku Zasshi,
Vol LXVIII, No 8, 1965, pp 1617-1618.
NASA TT F-9750

U. S. GOVERNMENT USE ONLY
SCI-Fuels & Prop
April 66

298,560

Studies on Concentrating Salt Solutions by Ion-
Exchange Membranes. I. Conditions and Analysis
of Electroconcentration, by M. Tasaka and
I. Kagawa.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol 68,
No 9, 1965, pp 1646-1651.
Chem Trans Sv 2252

Sci - Chemistry
Apr 67

324,648

Studies on the Polyesters of Phthalic
Acids. Part IV. Condensation Equilibrium
in the Reaction of Terephthalic Acid with
Ethylene Glycol, by M. Sumoto,
Y. Hasegawa.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol
68, No 9, 1965, pp 1693-1697.
NTC 69-11486-07C

Sci-Chem
July 69

387,072

Preparation and Thermal Degradation of
Polyamide Containing Naphthalene Nucleus
in its Main Chain, by S. Hishizaki,
JAPANESE, per, Kogyo Kagaku Zasshi,
Vol 68, 1965, pp 1756- 61.
SLA TT-66-10777

331, 476

Sci - Chem

Jul 67

The Correlation Between Bonding States
and Catalytic Properties of Carrier
Supported Copper Catalysts, by
F. Nozaki.

JAPANESE, per, Kogyo Kagaku Zasshi,
Vol 68, 1965, pp 1827-1831
NTC 72-11531-07D

June 72

Design of a Non-Dispersive Ultraviolet Gas
Analyzer and Its Application to Quantitative
Measurement of Traces of Toxic Gases and
Vapors in Air, by H. Kono, Y. Masuko, 14 pp.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol LXVII,
1965, pp 1868-1872.
Dept of Navy Tr 4584/ONE Tr 2127

Sci-na
Apr 66

299,635

The Rate of Quaternisation of Pyridine with
Dodecyl Bromide in Hydroxylic Solvents, by
K. Murai & C. Kimura.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 68,
No 11, 1965, pp 2093-2096.
ACSI J-4280
ID 2204003368

Sci/Chem
Apr 68

351,202

Degree of Swelling in Anionic Active Agent Aqueous
Solutions of the Polypropylene Fiber Pyren and
the Polyamide Fiber 6-Nylon. Effect of Active
Agent Concentration, Salt Concentration, and
pH, by Y. Iwadare, M. Sasaki.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 68, No 11,
1965, pp 2169-2172.
NTC 69-11289-118

Sci-Mat
July 69

387,119

Viscosity of the Slurry Produced in
the Ammoniation of Phosphoric Acid
Mixtures, by J. Ando.
JAPANESE, per, Kogyo Kagaku Zasshi,
Vol. 68, 1965, pp 2327-2331.
NTC 72-10445-07A

Apr 72

Extraction Studies of Brazilian
Aluminum Phosphate Ore by the Dry
Soda and Soda Lime Processes, by
T. Arimori.
JAPANESE, per, Kogyo Kagaku Zasshi,
Vol 68, 1965, pp 2338-2341.
NTC 72-10446-07A

Apr 72

M. Hirooka

Retarding Effect of Dienes and Acetylenes
on the Polymerisation of Propylene With a
Natta Catalyst.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol 68,
1965, pp 2482-2486.

Order from RAP as RAPRA 1586. \$23.00
NTC 72-60667-07C

Nov 72

Copolymerization of 4-Methylpentene-1 With
Hexene-1, by A. Fuji.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 68,
No 12, 1965, pp 2487-2490.
Chem Trans Sv 3103

321,788

Sci - Chemistry
Apr 67

Vapor-Phase Oxidation of Ethylene to Ethylene
Oxide. Part 3. Effect of Reaction Pressure and
Oxygen Concentration on the Production of
Ethylene Oxide Over Silver Catalyst, by
K. Hirasa, T. Hirayama.
JAPANESE, por, Kogyo Kagaku Zasshi,
Vol 69, No 1, 1966, pp 45-51.
ATS-4777

Sci
Dec 68

368,710

Reaction of Zinc-methylene Complex with Benzal-
dehyde, by S. Miyano, M. Hida.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol 69,
No 1, 1966, pp 106-109.

NTC 69-15562-07C

Sci-Chem

Dec 69

398,430

Styrene Producing Reaction of Iodomethylzinc
Complex and Benzaldehyde, by H. Hashimoto.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 69,
No 1, 1966, pp 174.
NTC-70-13113-07C

Feb 72

1 CORNELL 2615) VAPOR-LIQUID EQUILIBRIA BE-
TWEEN LIQUID CARBON DIOXIDE AND HYDROGEN, NITRO-
GEN, AND OXYGEN. 6 Kaminishi, Genichi; Toriumi, Tatsuro.
10 Translated by H. Kubota (Oak Ridge National Lab., Tenn.), from
15 Kogyo Kagaku Zasshi; 69: No. 2, 175-8 (1966). 20 15p. 24 Dep. NTIS.

26 Chemistry (physical); translations 27 37D

28 MN-4 29 P NSA

Crystal Modifications and Dynamic Visco-
elastic Behavior of Isotactic Poly-1-
Butene, by H. Yasuda, Y. Tanda.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 69,
No 2, 1966, pp 304-309.
NTC 69-11484-07D

Sci-Chem
July 69

387,089

Oligomerization of Isoprene, by K. Suga,
S. Watanabe.

JAPANESE, per, Kogyo Kagaku Zasshi,
Vol 69, 1966, pp 354-355.
NASA TT F-11,847

Sci
Dec 68

371,150

Picatinny Arsenal 47-69/e

R-9827-D

10 Oct 68

A New Method for the ²Determination of Kinetic Parameters
in Solid State Reactions

By: T. KUBO, et al

From: Kogyo Kagaku Zasshi Vol 69, No 3, 1966: 357-361
(5 pp)

Japanese - est for wds:

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Some Factors Affecting Crystal Growth of Cubic
Boron Nitride, by K. Kudaka, et al.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 69,
1966, pp 365-369.
NTC 71-13815-20B

Feb 72

Electrical Resistivity of Carbon Black-kaolin
Composite Sintered Materials. Part 6. Electrical
Resistivity of Loosely Packed Carbon Black as a
Function of Pressure, by E. Kato, M. Hasegawa.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 69,
No 3, 1966, pp 384-391.
ATS-JS-211

Sci-Chem
Mar 70

403,881

Electrical Resistivity of Carbon Black-kaolin
Composite Sintered Materials. Part 7. Electrical
Resistivity of Loosely Packed Carbon Black as
a Function of Bulk Density, by E. Kato,
M. Hasegawa.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 69,
No 3, 1966, pp 392-398.
ATB-JB-212

Sci-Chem
Mar 70

403,882

The Potentiometric Determination of Primary
Aromatic Amines by a Diazo Titration Using a
Glassy Carbon Electrode, by Tsugio Takauchi,
Tomoo Miwa,
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 69, 1966,
pp 398-401. 9233472
AEC ORNL-tr-1276

Sci/Chemistry
Aug 66

306,343

Effect of Pressure on the Detonation Limit of
Ethylene, by Y. Hashiguchi.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol 69,
No 4, 1966, pp 593-597.

ATS-JS-261

C. Lem. Inven. Sci. 20.3772

Sci-Chem

Mar 70

403,924

Electrostatic Properties of High
Polymers Investigated by the Contact -
Separation Charging Method, by
H. Tsuchida.

JAPANESE, per, Kogyo Kagaku Zasshi,
Vol 69, 1966, pp 690-694.
NTC 72-10920-111

May 72

Polymerization of N-Carboxy-DL-Alanine
Anhydride, by M. Oya.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 69,
No 4, 1966, pp 741-745.
NTC-71-15429-07C

Feb 72

Electrical Conductivities of HCN Molecular
Complexes of the Polymer-Containing Pyridine
Rings, by H. Inoue.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol 69,
1966, pp 774-776.

Chem Trans Sv 2800

321,746

Sci - Electronics and Electrical Engineering
Mar 67

Decomposition of Phenylazotriphenylmethyl in
Benzene, by M. Harada.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 69, No 5,
1966, pp 962-966.
ATS-JS-256

Sci-Chem
Mar 70

403,919

Pressure Effects on the Formation of Compounds
in the $Y_2O_3-Al_2O_3$ System, by MITSUAKI Inaka.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 69, 1966
pp 1112-1116. ISI11129906
AEC LA-tr-66-64
Chem Trans Sv 2911

Sci/Chemistry
Jan 67

136,199

Formation of Acetylene from Coal by Argon Plasma,
by Y. Kawana.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol 69,
No 6, 1966, pp 1144-1150.

ATS-JS-236

Sci-Phys
Mar 70

403,901

Effect of Electrolytes on Silver Bromide Sols
Containing Polyvinyl Alcohol, by Keiichi Tanaka,
~~and~~ Etsuo Fujii, *et al.*
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 69, No 7, 1966,
pp 1347-1350,

JPRS CSO NY 13588

Japan
Chemical
Feb 67

318,130

Hydrolysis of Polypyr omellitimide, by
S. Nishizaki.
JAPANESE, per, Kogyo Kagaky Zasshi, Vol 69,
No 7, 1966, pp. 1393-5
NTC 69-10643-07C

Sci-Chem
July 69

386,702

Studies on the Manufacture of Propylene Oxide.
Part 5. Synthesis of Propylene Oxide by the
Oxidation of Propylene with Peracetic Acid Under
Pressure, by J. Imamura.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 69, No 8,
1966, pp 1459-1462.
ATS-JB-259

Sci-Chem
Mar 70

403,922

Change in Surface Properties as a Result of
Crystal Transformation. Part 1. Crystal Trans-
formation of Copper and Nickel Phthalocyanines
by Treatment in Trichlorobenzene and Changes
in Their Heats of Immersion on Crystal Trans-
formation, by K. Heguro, et al,
JAPANESE, per, Kogyo Kagaku Zasshi, Vol LXIX,
No 9, 1966, pp 1725-1727.
ATS JJ-4694

Sci-Phys
Jul 67

329,117

Studies of the Effect of Heat Treatment
and Drawing of Polyethylene Terephthalate
by Differential Thermal Analysis, by
H. Kanetsuna, K. Maeda.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol
69, No 9, 1966, pp 1784-1789.
NLL Ref: 5828.4F (7336)

Sci-Phys
Mar 69

377,276

Differential Thermal Analysis of Poly-
ethylene Terephthalate Fine Structure and
Melting Behavior, by T. Yubayashi, et al.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol
69, No 9, 1966, pp 1789-1802.
NLL Ref: 5828.4F (7341)

Sci-Phys
Mar 69

377,2729

Relative Responses of Organic Compounds in
Radioactive Ionization Detector, by
Tsugio Takouchi.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 70,
1967, pp 33-36.
*AEC 127-93

Sci-Phys
Jul 68

Oxidation of Methylanthalene With
Ammonia, by N. Sekine.
JAPANESE, por, Kogyo Kagaku Zasshi,
Vol 70, No 1, 1967, pp 59-63.
NTC 72-10821-07C

Apr 72

Catalyst Deterioration and the Effect of Intra-
particle Diffusion During the Dehydrogenation
of n-butane, by K. Suga.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 70,
No 2, 1967, pp 136-141.
ATS-JS-247

Sci-Chem
Mar 70

403,911

Activity of a Modified Nickel-Carbon Catalyst in
the Polymerization of Ethylene, by T. Tadodoro.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 70, No 2,
1967, pp 144-147.
NTC-71-11870-07C

Nov 71

Synthesis of Ethylene Glycol Monooleate
From Oleic Acid and Ethylene Oxide,
by T. Ayuma.

JAPANESE, per, KOYO ANZEN SHUJI,
Vol 70, 1967, pp 169-172.

NTC 72-10923-070

Aug 72

Fuel Cell Using Manganese Redox Reaction, by
F. Takahashi, et al.
JAPANESE, per, Kogyo Kagaku Zasshi, No 70, 1967,
pp 296-299.
*AFRL

Sci/Chem
May 69

Induced Thermal Decomposition of Hydrocarbons.
Part 3. Thermal Dehydrogenation of Cyclopentene.
Studies on the Pyrolysis of Cyclopentene, by
H. Tanji.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 70,
No 3, 1967, pp 307-311.
ATS-JS-248

Sci-Chem
Mar 70

403,912

Polymerization of endo-Trimethylenenor-
Bornene With Ziegler Catalysts, by
S. Kobayashi.

JAPANESE, per, Kogyo Kagaku Zasshi,
Vol 70, 1967, pp 372-374
NTC 72-11569-07C

June 72

Polymerization of Norbornene with Ziegler Catalysts.
Effect of Added Halogen, by S. Kobayashi
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 70,
1967, pp 375-377
NTC 71-16390-070

mar 72

Preparation of Polyphosphoryl Urethanes from
Alkyl- and Arylphosphonic Diisocyanates and Diols,
by M. Yokoyama and S. Konya.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 70,
1967, pp 390-393.
NTC 71-13935-07C

Feb 72

Differential Thermal Analysis on the
Mechanism of the Thermosol Process of
Dyeing, by H. Kanetsuna.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 70,
No 4, 1967, pp 538-542.
NTCp71-11687-11E

Feb 72

The Effect of Sulfides, Sulfoxides,
and Sulfones on the Organic Hydroperoxide-
Initiated Polymerization on Methyl Metha-
crylate, by Y. Minoura.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 70,
No 4, 1967, pp 562-565.
NTC-71-11688-111

Feb 72

Radiation-Induced Polymerization of Vinyl Ethers,
by Tsutomu Naruse.

JAPANESE, per, Kogo Kagaku Zasshi, Vol 70, 1967,
pp 580-583.
NSJ-tr-142

July 69

385-947

Synthesis of Boron Nitride by the Reaction Between
Boron Trichloride and Ammonia and Its Crystalli-
zation by Heat Treatment, by Hiroaki Tagawa &
Kikuo Ishii, 17 pp.

JAPANESE, per, ^ZKogyo Kagaku Zasshi, No 70, 1967,
pp 617-621. P911160768-V

AEC-ORNL-1895

357,152

FE
Sci/Chem
July 68

6. C. 4 (CSIRO-Trans-9924) 1 EFFECT OF ADDITIVES ON
THE SINTERING OF ZIRCON. 8 Motol, S. 10 Translated by
M. Hintze (Commonwealth Scientific and Industrial Research
Organization, Melbourne, Australia), from 18 Kogyo Kagaku
Zasshi; 70: 638-43 (1967). 20 23p. 24 Dep. NTIS (U. S. Sales
Only).

25

26 ceramics; translations 27 11B

28 MN-25 29 NP NSA

Direct Synthesis of Acetone from Propylene and Water. Part 1. Direct Synthesis of Acetone from Propylene and Water Over Metal-solid Acid Catalysts, by K. Onki, Z. Ozaki.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 70, No 5, 1967, pp 684-686.
ATS-JS-244

Sci-Chem
Mar 70

403,908

Direct Synthesis of Acetone from Propylene and Water. Part 2. Direct Synthesis of Acetone from Propylene and Water Over Metal Oxide-solid Acid Catalysts, by T. Yamamoto, Z. Ozaki.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 70, No 5, 1967, pp 687-689.
AES-JB-245.

Sci-Chem
Mar 70

403,909

Studies on the Copolymerization of Polypropylene. Part V. Copolymerization of Propylene and p-A, N-Dialkylamino Styrene in the Presence of Titanium Trichloride-Triethylaluminum Catalysts, by

I. Miyoshi.

JAPANESE, per, Kogyo Kagaku Zasshi,

Vol 70, 1967, pp 723-738.

NTC 72-10924-070

ATS-JS-194

May 72

Measurement of Liquidus Line in Yttrium Oxide -
Aluminum Oxide System, by T. Noguchi, M. Mizuno.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 70,
No 6, 1967, pp 834-839.

CEGB

C.E. Trans 5022D

Sci-Chem

Oct 69

394,589

Reactions of Alkylbenzenes. Part 2. Dealkylation
of Alkylbenzenes by Aluminum Chloride, by
K. Itoh.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol 70,
No 6, 1967, pp 918-921.

ATS-JS-239

Sci-Chem
Mar 70

403,904

Fuel Cell Using a Ferricyanide-Ferrocyanide-System, by F. Takahashi, et al.
JAPANESE, per, Kogyo Kagaku Zasshi, no 70
1967, pp. 1075-1078.
Tr. no 57, Oct 1969
AIR/AFCRL/69-0427

Sci/Chem
Mar 70

403,285

M. Kurabayashi

*Alkaline polymerization of Hydrocyanic acid and its
inhibitions*

KOGYO KAGAKU ZASSHI, Vol 70, 1967, pp 1106-1111
NASA TT F 14,645

Continuous Coking Process for Tar Pitch in
Fluidized Beds. Part 2. A Single Reactor with
Steam as the Fluidizing Gas, by O. Uemaki.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 70,
No 7, 1967, pp 1189-1194.
ATS-JS-252

Sci-Phys
Mar 70

403,915

**Dissolution of Phosphate Rock by Ion-exchange
Resins, by N. Takai.**

**JAPANESE, per, Kogyo Kagaku Zasshi, Vol 70,
No 8, 1967, pp 1305-1308.**

ATS-JS-232

**Sci-Chem
Mar 70**

403,897

The Separation and Purification of Isoprene
From C5 Olefin Mixtures by the Reaction
of Powdered Cuprous Chloride With Diene,
by H. Nishikata.

JAPANESE, per, Kogyo Kagaku Zasshi,
Vol 70, 1967, pp 1308-1311.
HTO 72-10922-07A

May 72

Effect of Polymer Surfactant Complexes on Urea,
by I. Maruta.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol 70,
No 8, 1967, pp 1395-1398.

ACSI J-3900

ID 2204058567

Sci/Phys
Apr 68

351,195

High Temperature Decomposition Reactions of
Butene-1 in the Presence of Hydrogen, by
T. Kunugi
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 70, 1967,
pp 1477-1482
NTC 71-16457-07C

mar 72

Relationship Between Conditions of Catalyst
Preparation and Catalytic Activity for Ethylene
Polymerization, by T. Tadokoro.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol 70, No 10,
1967, pp 1615-1619.

NTC-71-11871-07C

Nov 71

Production Rate of Sodium Chlorate in
Sodium Hypochlorite Solution Containing
Free Hypochlorous Acid, by T. Yokoyama,
O. Takayasu.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol
70, No 10, 1967, pp 1619-1624.
NTC 69-11263-07B

Sci-Chem
July 69

386,009

Picatinny Arsenal

R-13541-D

Req. '72-7

2 Aug. 71

Kogyo Kagaku Zasshi. Vol. 70 (10), pp. 1633-1637.
(1967).

By Magatini, et al.

Language: Japanese

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for paste-up

Production of Acetylene from Coal by Means of
Argon-Hydrogen and Hydrogen Plasmas, by Y. Kawana
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 70, 1967,
pp 1657-1661
LTC 71-1639-07A

mar 72

Molecular Weight Distributions of Polyvinyl
Acetate and Polyvinyl Chloride, by
S. Yamada, et al.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 70,
1967, pp 1778-1782.
NTC 71-13892-07C

Feb 72

High-pressure Polymerization of Vinyl Chloride,
by T. Imoto.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol 70,
No 11, 1967, pp 1952-1955.

ATS-JS-186

Sci-Chem

Mar 70

403,863

C.E. MEASUREMENT OF VAPOR AND DISSOCIATION PRESSURE
Trans. OF POTASSIUM SULPHATE AT HIGH TEMPERATURE
4939 T. Kosugi
Kogyo Kagaku Zasshi, Vol. 70, pp. 2089-2093
(1967)
(Spic Code: V2, 1 Jan. 1971)

Electrostatic Property of Copolymers,
by H. Tsuchida, A. Yanagimoto.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol
70, No 11, 1967, pp 2187-2191.
NTC 69-11288-07D

Sci-Chem
July 69

387,079

The Adsorption of the Sulfonic Acids by Nylon 6,
by Yusuke Moriyoshi, Minoru Sakide. 15 pp.
JAPANESE, per, Journal of the Chemical Society
of Japan, Vol 70, No 12, 1967, pp 2334-2337.
NAV/NAEC-Access No 26019

Sci-Chem
Dec 69

398,979

Agency: Picatinny Arsenal
P.O. No. 113-69

R-10202-D
17 March 69

Title: Inhibition of the Copper-catalyzed Thermal
Oxidative Degradation of Polypropylene by Oxanilide

Author: Osawa, Zenjiro and Kei Mitsuaki.

Source: Kagaku Kagaku Zasshi. Vol. 70, pp. 2364-2367.
(1967).

Language: Japanese.

4pp

Special instruction: Please translate and type 1 copy only.

Effect of Substituents on the Chain-Transfer
Reaction of Poly-P-Methoxystyryl Radical with
Substituted Cumenes, by T. Otsu.
JAPANESE, per, Kogyo Kagaku Zasshi, vol. 70,
1967, pp. 2403-2404.
NTC 71-11005-07C

August 71

Temperature Control in the Regeneration
of Solid Catalysts, by S. Kinugita.
JAPANESE, per, Kogyo Kagaku Zasshi,
Vol 71, 1968, pp 63-67.
NTC 72-10447-07A

Apr 72

Effects of Temperature and Environment on the
Extraction of Coal with Benzene Under Pressure,
by S. Mitsui
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 71, 1968,
pp 242-247
NTC 71-10400-07A

mar 72

Thermal Decomposition of Lead Carbonate
Pellets, by R. Komoda.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol
71, No 4, 1968, pp 475-479.

NASA TT P-11,857

Sci-Chem

Mar 69

378,593

Exothermic Process in Differential Thermal
Analysis Curve of Basic Magnesium Carbonate,
by H. Hashimoto.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol 71,
1968, pp 480-484.

NASA TT F-11,858

Sci
Dec 68

371,066

Determination of High-Boiling Impurities
Obtained as by-products in the Industrial
Production of Vinyl Chloride, by
M. Kurosaki, S. Taima.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 71,
No 4, 1968, pp 488-491.
NTC 69-11303-07C

Sci-Chem
July 69

387,021

Preparation of Acetylene From Lower
Aliphatic Hydrocarbons by the Use
of Hydrogen Plasma, by Y. Kawana.
JAPANESE, per, Kogyo Kagaku Zasshi,
Vol 71, 1968, pp 492-496
NTC 72-11557-07A

June 72

Influence of Reaction Conditions on the
Hydroxymethylation of Octene-1, by
M. Tsutomu, N. Nakamura.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol
71, No 4, 1968, pp 511-515.
NTC 69-10715-07A

Sci-Chem
July 69

386,684

Agency: Picatinny Arsenal
P.O. No. 90-69f

R-11 a90-2

271

Title: Thermal oxidative degradation of polypropylene.
PP. 552-556.

Author: Otsuka, E., et al.

Source: Kagyo Kagaku Zasshi, Vol. 71 (4). (1968).

Language: Japanese.

5

Special instruction: Please translate & type 1 copy only.

Various Experimental Problems and Reinvestigation
of Experimental Results Relative to the Heat
Treatment of Carbon Under High Pressure, by
Michio Inagaki, Kanichi Kamiya, 19 pp.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 71, No 5,
1968, pp 652-657.
AEC/ORNL-Tr-2262-70

S ci/Mech
Apr 70

405,680

Dechlorination of 6, 13-Dichlororoquinacridone, by Y. Nagai, H. Nishi, K. Morikubo, S Nagai.
JAPANESE, per, Kogyo Kagaku, Zasshi, Vol 71.,
No 5, 1968, pp. 717-9
NTC 69-10674-07C

Sci-Chem
July 69

386,705

Non-Catalyzed Polymerization of Acrylamide,
by A. Nakano.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 71,
1968, pp 732-735.
NTC-71-12287-07C

Nov 71

Hakozaki, J.

Kinetic Study of the Cross-Linking of
Reactive Acrylic Polymers by Torsional Braid
Analysis

KOGYO KAGAKU ZASSHI, Vol 71, pp 887-891, 1968.

NLC-72-60901-07C

Feb 73

Synthesis and Radical Polymerization
of -Cyanovinyl Acetate, by T. Oota.
JAPANESE, per, Kogyo Kagaku Zasshi,
Vol 71, 1968, pp 899-903
NTC 72-11528-07C

June 72

Synthesis of Acetyl Acetone from Allyl Acetone
with Palladium (II) Chloride, by S. Yamamoto
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 71, 1968,
pp 945-946
LTC 71-16429-07C

mar 72

Characteristics of Fluorine and Carbon Compounds, by
Nobuatsu Watanabe, Atsuyoshi Shibuya, 16 pp.

GOVERNMENT USE ONLY

JAPANESE, per, Kogyo Kagaku Zasshi, Vol 71, No 7,
1968, pp 963-967.

ARM/FSTC/HT-23-35-72

Nov 71